

1 **ABSTRACT OF THE DISCLOSURE**

2 A digital network video and audio monitoring system includes a real
3 time digital video and audio processing unit, a fast Ethernet switching unit and a
4 self-protecting and alarming unit. The real time digital video and audio
5 processing unit has multiple audio and video processing modules each made of
6 an interface card and connected to a video and audio monitor. The fast Ethernet
7 switching unit is connected to the real time digital video and audio processing
8 unit and further connected to TCP/IP network. Therefore, monitoring signals
9 from the video and audio monitor can be sent to the network. Further, the
10 self-protecting and alarming unit is connected between an external AC power
11 source and outputs of the video and audio monitors to detect whether any
12 abnormal signals occur. The present invention can directly connect to one or
13 more video and audio monitors and send the monitoring signals over the
14 network.